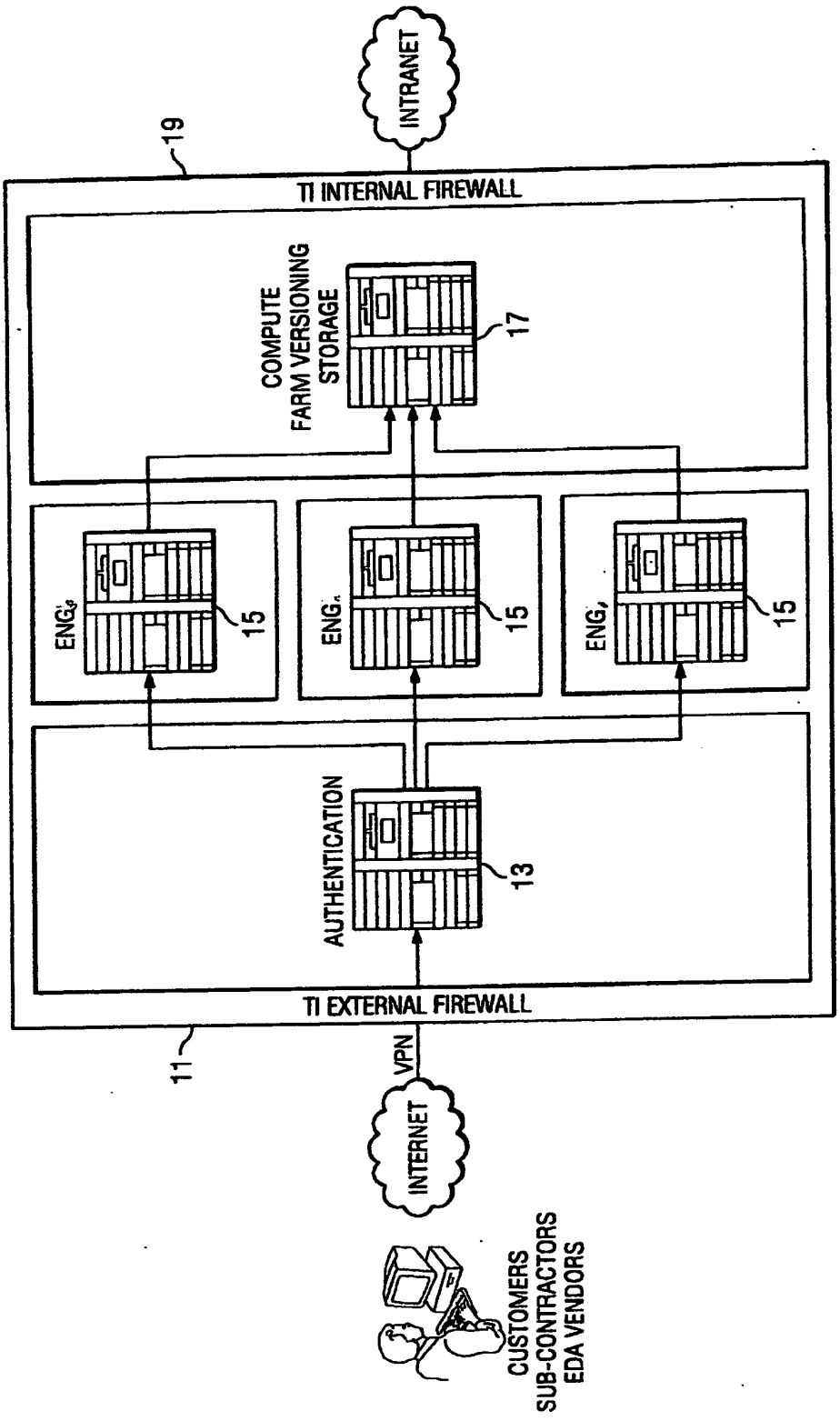

INTRANET
19
TI INTERNAL FIREWALL
COMPUTE FARM VERSIONING STORAGE
17
ENG
15
ENG
15
ENG
15
AUTHENTICATION
13
TI EXTERNAL FIREWALL
11
VPN
INTERNET
CUSTOMERS
SUB-CONTRACTORS
EDA VENDORS

FIG. 1

FIG. 2 2/7

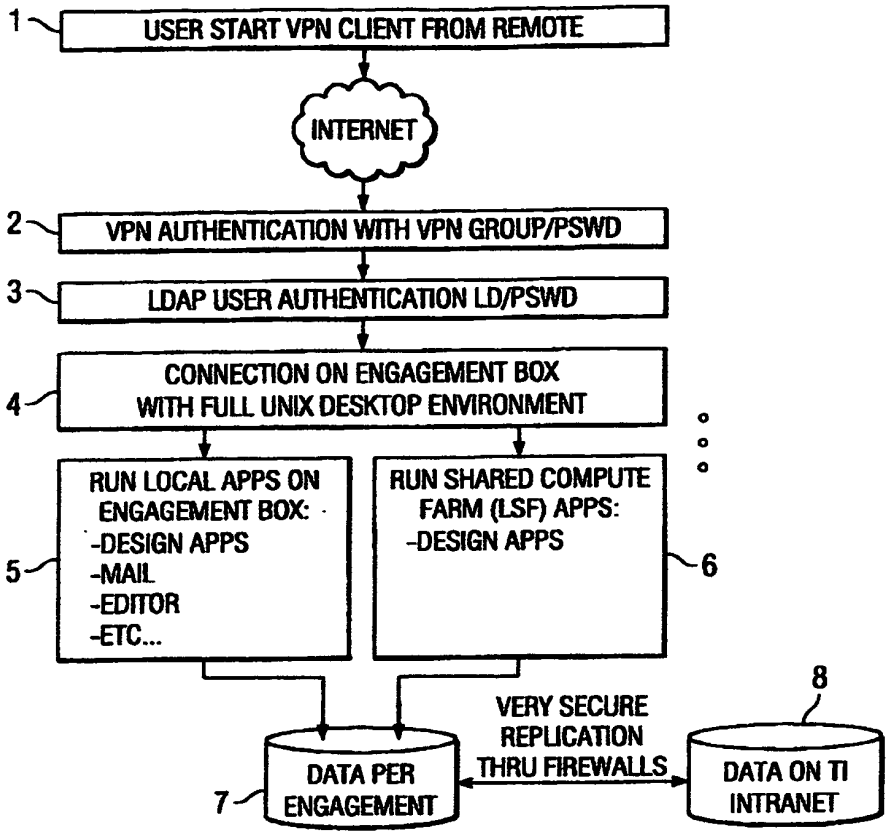
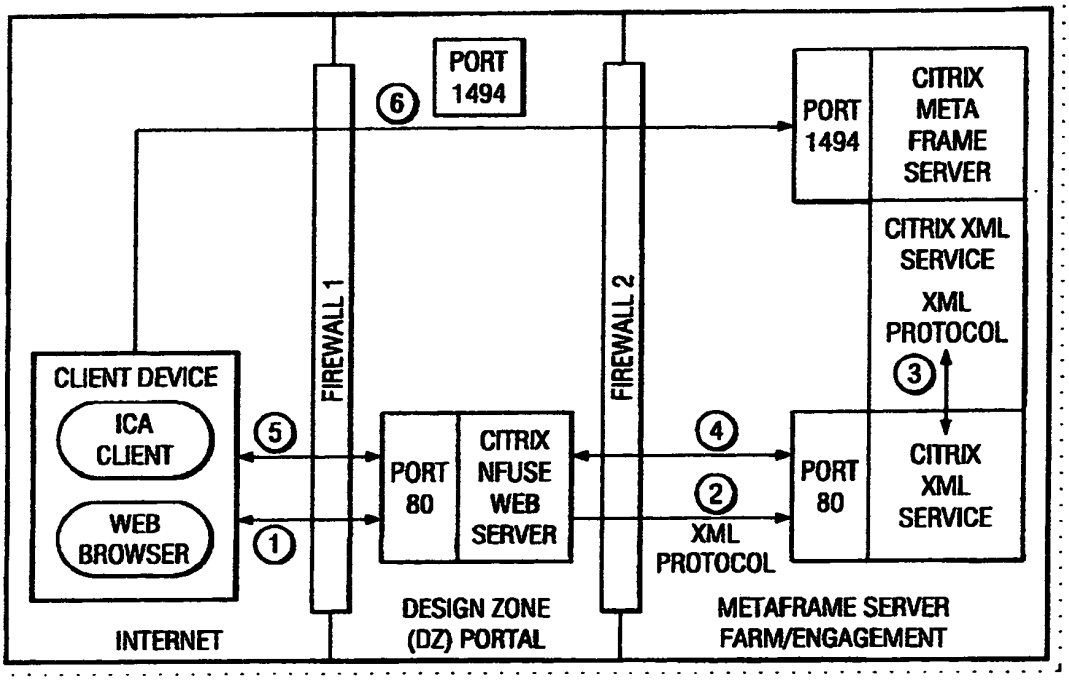

1
USER START VPN CLIENT FROM REMOTE
INTERNET
2
VPN AUTHENTICATION WITH VPN GROUP/PSWD
3
LDAP USER AUTHENTICATION LD/PSWD
4
CONNECTION ON ENGAGEMENT BOX
WITH FULL UNIX DESKTOP ENVIRONMENT
RUN LOCAL APPS ON
ENGAGEMENT BOX:
-DESIGN APPS
-MAIL
-EDITOR
-ETC...
5
RUN SHARED COMPUTE
FARM (LSF) APPS:
-DESIGN APPS
6
8
VERY SECURE
REPLICATION
THRU FIREWALLS
DATA PER
ENGAGEMENT
7
DATA ON TI
INTRANET

FIG. 3


PORT
1494
6
PORT
1494
CITRIX
META
FRAME
SERVER
CITRIX XML
SERVICE
XML
PROTOCOL
3
FIREWALL 1
FIREWALL 2
CLIENT DEVICE
ICA
CLIENT
WEB
BROWSER
5
1
PORT
80
CITRIX
NFUSE
WEB
SERVER
4
2
XML
PROTOCOL
PORT
80
CITRIX
XML
SERVICE
INTERNET
DESIGN ZONE
(DZ) PORTAL
METAFRAME SERVER
FARM/ENGAGEMENT

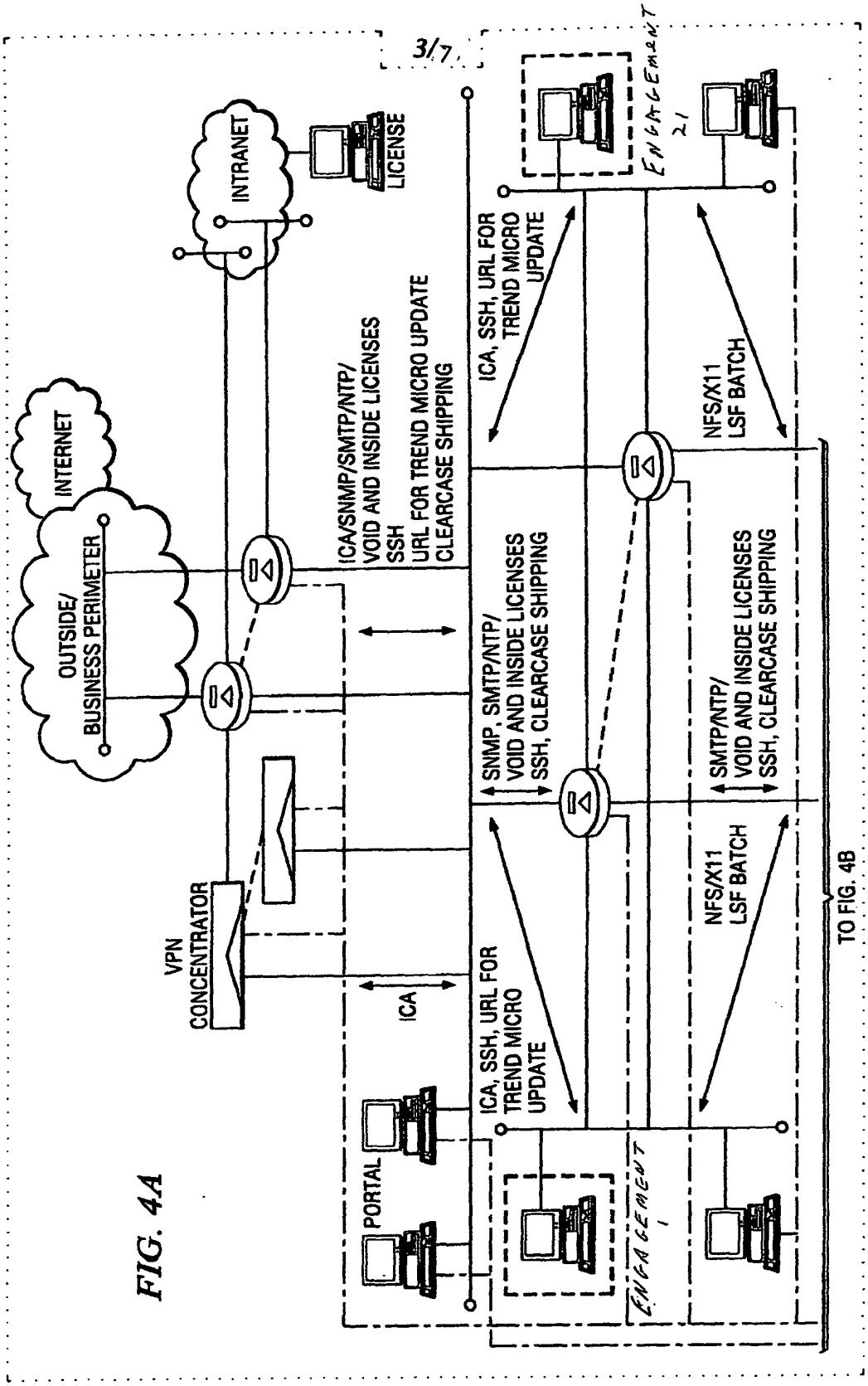

3/7
INTERNET
OUTSIDE/
BUSINESS PERIMETER
INTRANET
LICENSE
VPN
CONCENTRATOR
PORTAL
ICA
ICA/SNMP/SMTP/NTP/
VOID AND INSIDE LICENSES
SSH
URL FOR TREND MICRO UPDATE
CLEARCASE SHIPPING
ICA, SSH, URL FOR
TREND MICRO
UPDATE
SNMP, SMTP/NTP/
VOID AND INSIDE LICENSES
SSH, CLEARCASE SHIPPING
NFS/X11
LSF BATCH
ENGAGEMENT
1
ENGAGEMENT
21
TO FIG. 4B

FIG. 4A

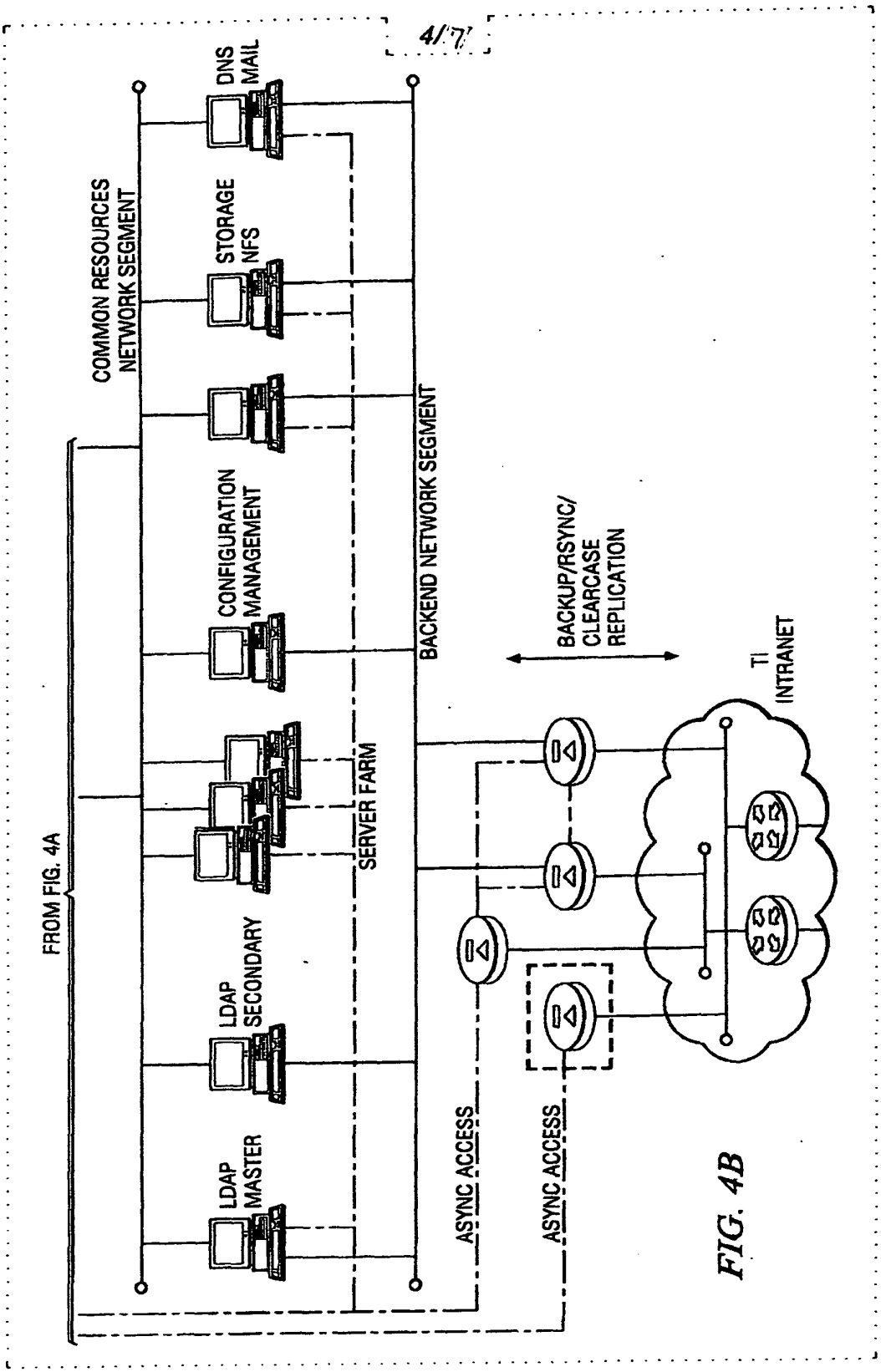

4/7
DNS MAIL
STORAGE NFS
COMMON RESOURCES NETWORK SEGMENT
CONFIGURATION MANAGEMENT
BACKEND NETWORK SEGMENT
BACKUP/RSYNC/ CLEARCASE REPLICATION
TI INTRANET
FROM FIG. 4A
SERVER FARM
LDAP SECONDARY
LDAP MASTER
ASYNC ACCESS
ASYNC ACCESS

FIG. 4B

FLOW Without License Proxy server:

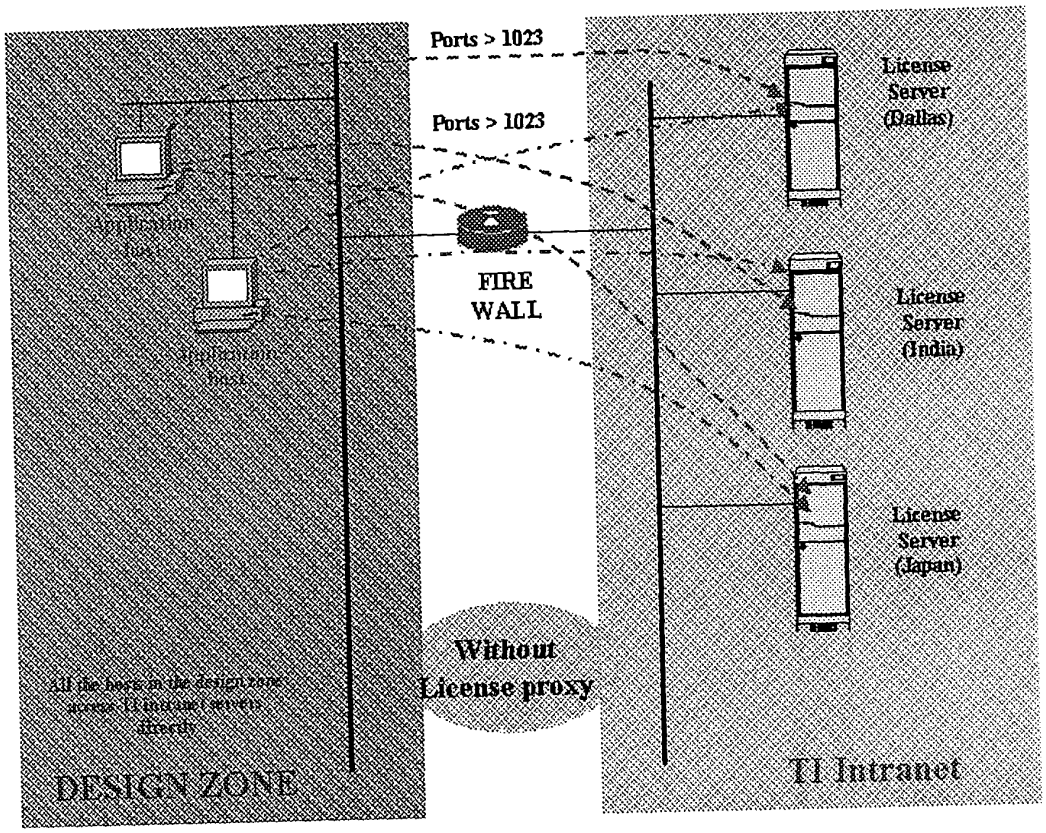


Fig. 5

Flow with License Proxy:

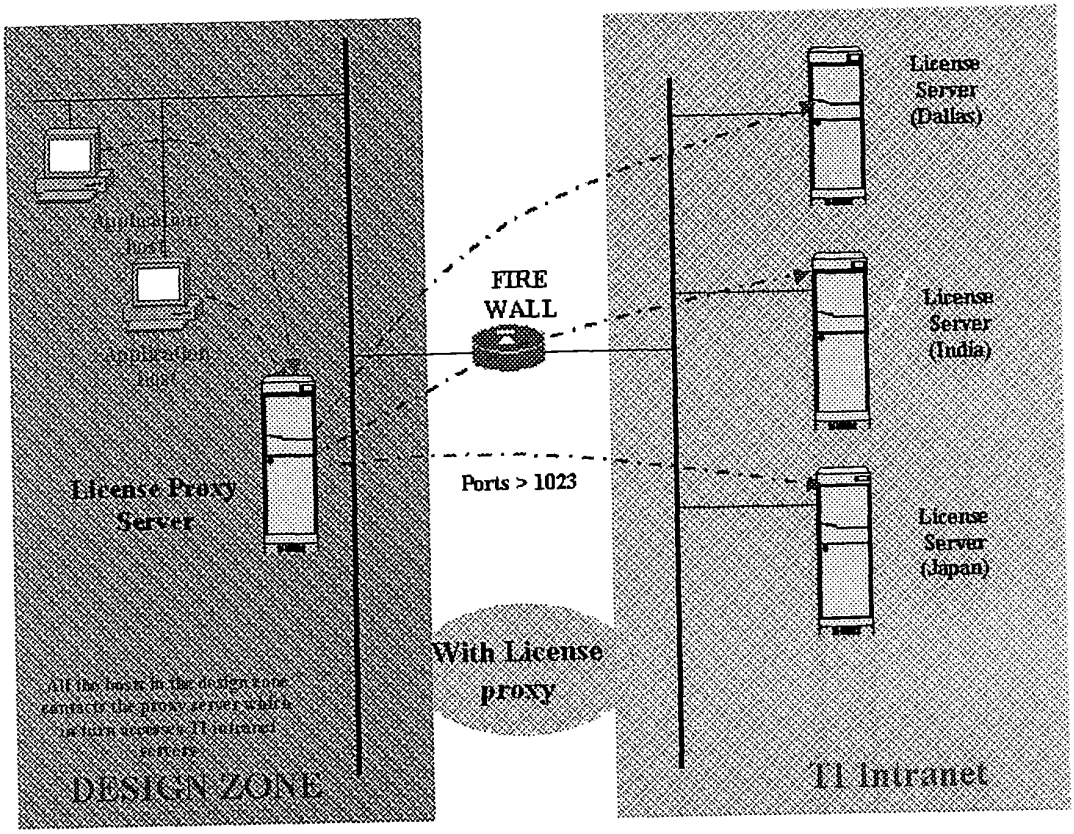


Fig. 6

FIG. 7

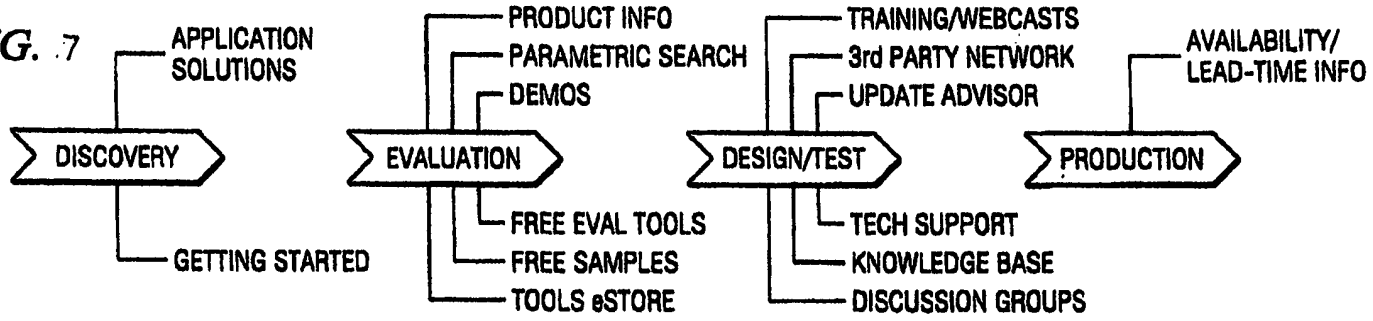
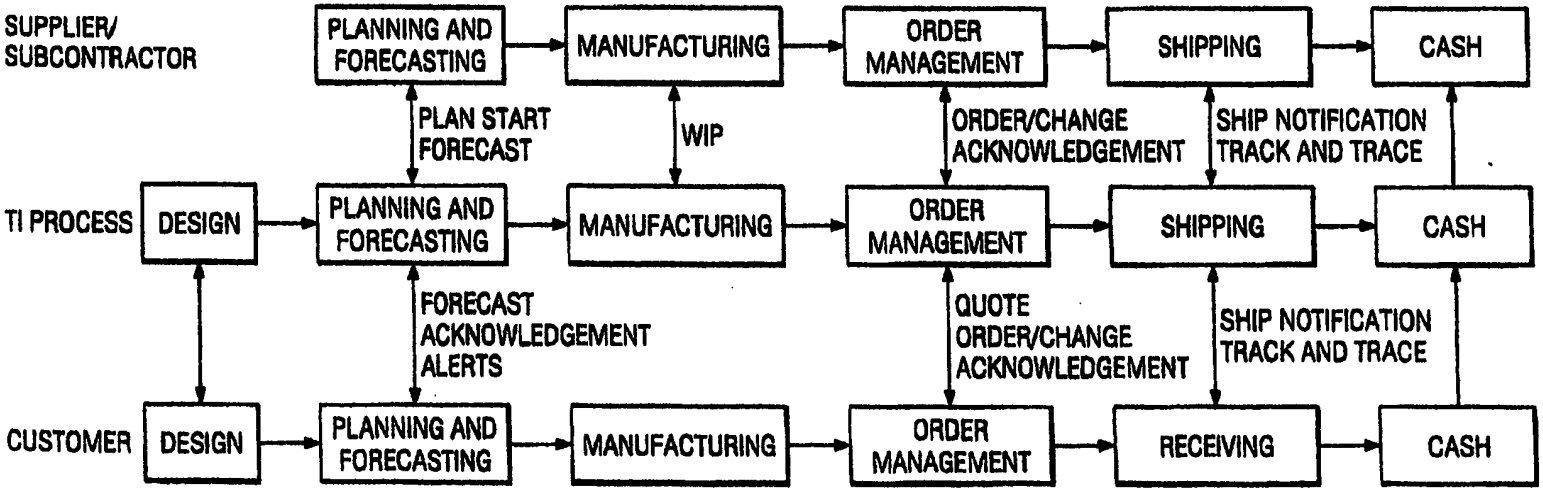

APPLICATION SOLUTIONS
PRODUCT INFO
PARAMETRIC SEARCH
DEMOS
TRAINING/WEBCASTS
3rd PARTY NETWORK
UPDATE ADVISOR
AVAILABILITY/ LEAD-TIME INFO
DISCOVERY
EVALUATION
DESIGN/TEST
PRODUCTION
GETTING STARTED
FREE EVAL TOOLS
FREE SAMPLES
TOOLS eSTORE
TECH SUPPORT
KNOWLEDGE BASE
DISCUSSION GROUPS

FIG. 8


SUPPLIER/ SUBCONTRACTOR
PLANNING AND FORECASTING
MANUFACTURING
ORDER MANAGEMENT
SHIPPING
CASH
PLAN START FORECAST
WIP
ORDER/CHANGE ACKNOWLEDGEMENT
SHIP NOTIFICATION TRACK AND TRACE
TI PROCESS
DESIGN
PLANNING AND FORECASTING
MANUFACTURING
ORDER MANAGEMENT
SHIPPING
CASH
FORECAST ACKNOWLEDGEMENT ALERTS
QUOTE ORDER/CHANGE ACKNOWLEDGEMENT
SHIP NOTIFICATION TRACK AND TRACE
CUSTOMER
DESIGN
PLANNING AND FORECASTING
MANUFACTURING
ORDER MANAGEMENT
RECEIVING
CASH